Docket No.: 42P8351

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

YAN YONGHONG

Application No.: 10/019,882

Filed: April 15, 2002

For: SPEAKER ADAPTATION USING

WEIGHTED FEEDBACK



Art Group: 2626

Examiner: James S. Wozniak

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

08/08/2006 HDESTA1 00000019 10019882

02 FC:1806

180.00 OP

-1- 42P8351

The references were cited in a Search Report dated March 15, 2001 (copy enclosed herewith) in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

Brakely, Sokoloff, Taylor & Zafman LLP

Date: August 02, 2006

inn V. Nguyen, Reg. No. 42,034

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (503) 439-8778

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Tu T. Nguyen 08-02-06

Date

-2- 42P8351

AUG 0 7 7006

AUG 0 7 2006

OIPE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 2 Sheet 1

		Complete if Known	
	Application Number	10/019,882	
	Filing Date	April 15, 2002	
	First Named Inventor	Yan Yonghong	
	Art Unit	2626	,
-	Examiner Name	James S. Wozniak	
	Attorney Docket Number	42P8351	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,144,672 A	11-10-1998	MATSUI, et al.	
		US-5,835,890 A	09-01-1992	KURIKI	
		US-			
	<u> </u>	US-			
		US-			
	<u>.</u>	US-			
		US-			
		US-			
	}	US-			

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	т.		
Initials*		Country Code³ - Number¹ - Kind Code³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	ו יו		
		EP 0,686,965 A2	12-13-1995	NEC Corporation				
		EP 0,805,434 A2	05-11-1997	Microsoft Corporation				
		CN 1243304 A	02-02-2000	Matsushita Electric Ind.Co.Ltd.	EP0953968A2			

Examiner		Date	
Signature	<u></u>	Considered	

'Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

^{*}Examiner. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 | **of** | 2

Complete if Known			
Application Number	10/019,882		
Filing Date	April 15, 2002		
First Named Inventor	Yan Yonghong		
Art Unit	2626		
Examiner Name	James S. Wozniak		
Attorney Docket Number	42P8351		

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.'				
		JEAN-LUC GAUVAIN, et al., "Maximum a Poseriori Estimation for Multivariate Gaussian Mixture Observations of Markov Chains," IEEE Trans. On Speech and Audio Processing, Vol. 2, pp. 291-298, 1994.			
		L.R. BAHL, et al., "A New Algorithm for the estimation of Hidden Markov Model Parameters," IEEE International Conference on Acoustics, Speech, and Signal Processing, p. 493-496, 1988.			
		C.J. LEGGETTER, et al., "Maximum likelihood linear regression for speaker adaptation of continuous density HMMs," Computer Speech and language, Vol. 9, pp. 171-185, 1995.			
		A.P. DEMPSTER, et al., "Maximum likelihood from incomplete data via the EM algorithm," J. of the Royal Statistical Society, Series B 39, pp. 1-38, 1977.			
		N. LAIRD, "The EM Algorithm," Handbook of Statistics, vol. 9, Elsevier Science Publishers B.V., 1993.			
	·				

Examiner	-	Date	•	· -
Signature		Considered		

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number. Applicant is to place a check mark here if English language Translation is attached.

INTERNATIONAL SEARCH REPORT Information on patent family members

International application No.

PCT/CN00/00158

Patent document cited in search report	Publication date	Patent family members	Publication date
US 5,835,890 A	10-11-98	JP 10097273 A	14-04-98
EP 0,686,965 A2	13-12-95	US 5,651,094 A	22-07-97
·		JP7334184 A	22-12-95
		JP2692581 B2	17-12-97
US 5,144,672 A	01-09-92	DE4031638 AC	18-04-91
		JP3206500 A	09-09-91
CN 1243304 A	02-02-00	None	
EP 0 805 434 A2	05-11-97	JP 10063291A	06-03-98
		CN 1171592 A	28-01-98
		US 5937384 A	10-08-99